

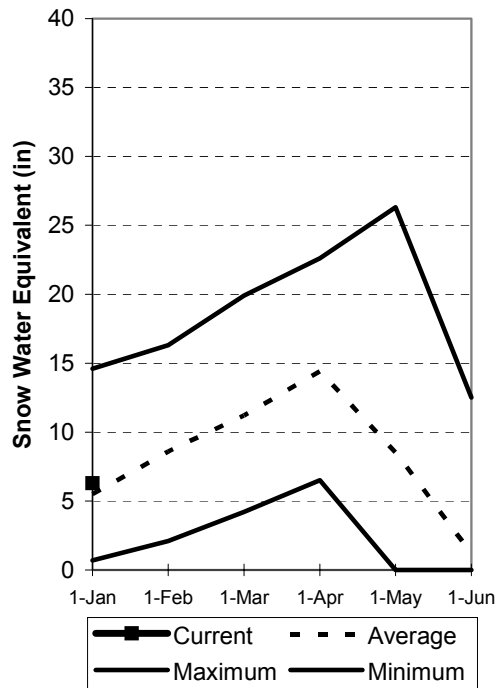
# Carbon, Emery, Wayne, Grand and San Juan Co.

Jan 1, 2004

Snowpacks in this region are a little above normal at 114% of average, about 133% of last year. Individual sites range from 60% to 142% of average. Precipitation during December was much above average at 149%, bringing the seasonal accumulation (Oct-Dec) to 103% of normal. Soil moisture levels in runoff producing areas indicate about 7 inches of deficit in the upper 2 feet of soil. Forecast streamflows range from 88% to 114% of average. Reservoir storage is at 37% of capacity, up 7% from last year. Surface Water Supply Indexes for the area are: Price 32%, (below normal) San Rafael area 55% (average) and Moab 56% (average). General runoff and water supply conditions are below to near normal due to low reservoir storage and soil moisture.

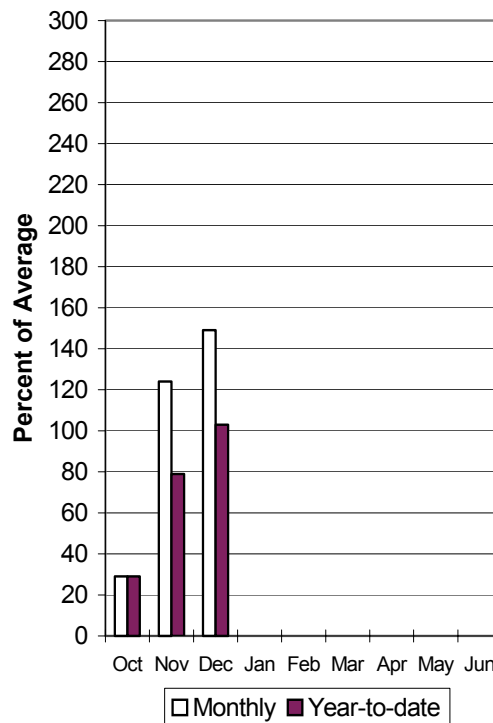
## Southeast Utah Snowpack

1/1/2004



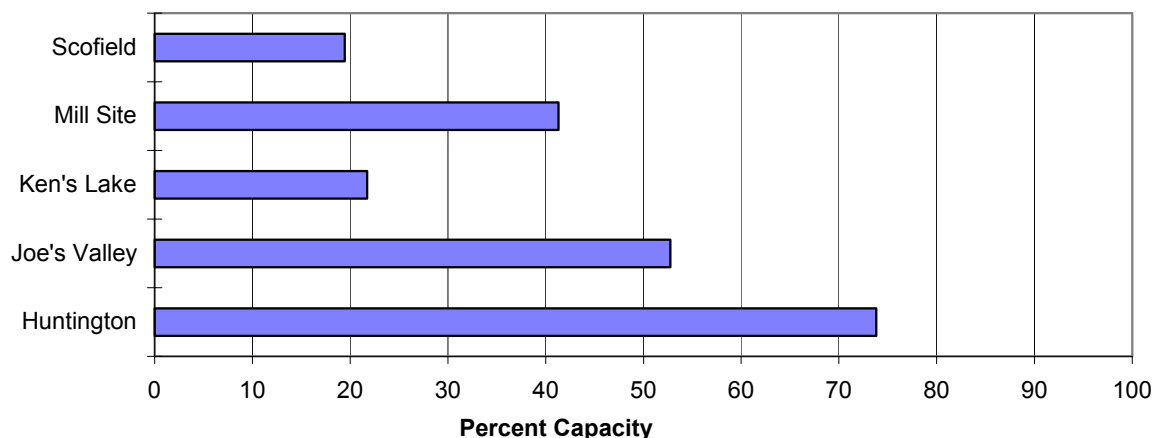
## Southeast Utah Precipitation

1/1/2004



## Reservoir Storage

1/1/2004



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Streamflow Forecasts - January 1, 2004

	<=== Drier === Future Conditions === Wetter ===>						
Forecast Pt	Chance of Exceeding *						
Forecast	90%	70%	50% (Most Prob)	30%	10%	30 Yr Avg	
Period	(1000AF)	(1000AF)	(1000AF) (% AVG.)	(1000AF)	(1000AF)	(1000AF)	
Gooseberry Creek nr Scofield							
APR-JUL	6.1	9.5	11.8	99	14.1	17.5	11.9
Scofield Reservoir inflow							
APR-JUL	29	39	46	100	53	63	46
White River blw Tabbyune Creek							
APR-JUL	8.3	13.8	18.3	105	24	32	17.4
Green River at Green River, UT							
APR-JUL	1490	2270	2800	88	3330	4110	3170
Electric Lake inflow							
APR-JUL	6.5	10.7	14.4	92	18.8	27	15.7
HUNTINGTON CK nr Huntington							
APR-JUL	25	38	47	94	56	69	50
JOE'S VALLEY RESV Inflow							
APR-JUL	29	45	56	97	67	83	58
Ferron Creek nr Ferron							
APR-JUL	23	31	38	97	45	58	39
Colorado River nr Cisco							
APR-JUL	2190	3240	4000	86	4760	5810	4650
Mill Creek at Sheley Tunnel nr Moab							
APR-JUL	2.20	4.50	6.00	120	7.50	9.80	5.00
Seven Mile Creek nr Fish Lake							
APR-JUL	4.10	6.40	8.00	114	9.60	11.90	7.00
Muddy Creek nr Emery							
APR-JUL	10.0	16.6	21	106	25	32	19.9
North Ck ab R.S. nr Monticello							
MAR-JUL	0.11	0.22	1.03	76	2.44	5.61	1.35
South Ck ab Lloyd's Res nr Monticello							
MAR-JUL	0.30	0.90	1.50	115	2.25	3.63	1.31
Recapture Ck bl Johnson Ck nr Blanding							
MAR-JUL	1.52	3.00	5.50	90	8.00	11.60	6.10
San Juan River nr Bluff							
APR-JUL	870	1190	1400	114	1610	1930	1230

\* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Reservoir Storage (1000AF) End of December

Reservoir	Usable Capacity	***** This Year	***** Usable Storage Last Year	***** Average
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HUNTINGTON NORTH	4.2	3.1	1.0	2.4
JOE'S VALLEY	61.6	32.5	21.9	41.0
KEN'S LAKE	2.3	0.5	0.5	1.0
MILL SITE	16.7	6.9	8.5	75.0
SCOFIELD	65.8	12.8	13.6	32.7

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Watershed Snowpack Analysis - January 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Percent of Average
PRICE RIVER	3	136	120
SAN RAFAEL RIVER	3	123	111
MUDDY CREEK	1	121	125
FREMONT RIVER	3	116	100
LASAL MOUNTAINS	1	176	128
BLUE MOUNTAINS	1	158	93
WILLOW CREEK	1	210	145
CARBON, EMERY, WAYNE, GRAND,	13	133	114